

Department of Economics, University of Sussex

## Advanced Research Methods in Economics, 2019–20

**First-year PhDs in Economics must attend this course. All PhDs and faculty in the wider Business School (and indeed beyond) are welcomed and encouraged to attend.**

ARME sessions will be held **1 – 3pm on most Wednesdays** (or occasionally Mondays) of TB1 and TB2.

Many of the topics on offer are new this year, and the programme is now organised under 4 broad headings:

Data collection and management (DC) x 6

Micro and models (MM) x 6

Econometrics (EM) x 5

Data analysis (DA) x 5

### Timetable

The provisional timetable is as follows:

*Date Topic Title (Presenter)*

TB1, 2019

Venue: **Pevensey 1-1B8**

2 Oct	DC	Intro to ARME + Text processing and Regular Expressions (George MacKerron)
9 Oct	DC	Scraping the web for data (George MacKerron)
16 Oct	DC	Lab-in-the-field experiments (Annemie Maertens)
23 Oct	DC	Questionnaire design (Julie Litchfield)
30 Oct	DC	Designing field experiments (Vikram Pathania)
6 Nov	MM	Revealed preference: theory (Pawel Dziewulski)
13 Nov	MM	Revealed preference: empirics (Bram de Rock — visiting)
20 Nov	MM	Matching and search models (Tom Potoms)
27 Nov	MM	Monotone comparative statics (Tom Potoms)
4 Dec	EM	Non-parametrics (Richard Tol)
11 Dec	DA	Using the High Performance Computing (HPC) cluster (George MacKerron)

TB2, 2020

Venue: **Fulton 114**

29 Jan	DC	Lab experiments (Matt Embrey)
5 Feb	MM	Game theory: incomplete information (Matt Embrey)
12 Feb	MM	Statistical discrimination (Iftikhar Hussain)
19 Feb	EM	Trade in Value-Added datasets and decomposition methods (Pierluigi Montalbano — visiting)
26 Feb	DA	Big data (Richard Dickens)
4 Mar	DA	Advanced Stata I (Ingo Borchert)
<b>16 Mar</b>	EM	Evaluation methods I (Iftikhar Hussain)
<b>23 Mar</b>	EM	Evaluation methods II (Iftikhar Hussain)
25 Mar	DA	Advanced Stata II (Ingo Borchert)
22 Apr	EM	Unconditional quantile regression / Recentered influence functions (Barry Reilly)
29 Apr	DA	Quantitative text analysis (Richard Dickens)
<b>TBC</b>	EM	Probability models for panel data (Barry Reilly)